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☐ 1: [Fed Regist.](#) 1980 Dec 5;45(236):80500-1.

Related Article

Additional standards for human blood and blood products, source plasma (human); amendment of storage temperature requirements: Food and Drug Administration, Final rule.

[No authors listed]

The Food and Drug Administration (FDA) is amending the storage temperature requirements for Source Plasma ((Human) intended for manufacture into injectable products. This change permits an inadvertent exposure of the product to an episode of storage temperature fluctuation between -20 degrees and -5 degrees C for no more than 72 hours without requiring relabeling of the frozen product from "Source Plasma (Human)" to "Source Plasma (Human) Salvaged." Data submitted to the agency demonstrate the satisfactory recovery of clotting factor concentrates from the plasma despite the temporary elevation of storage temperature.

PMID: 10249304 [PubMed - indexed for MEDLINE]

☐ 2: [Transfusion.](#) 1998 Jan;38(1):102-7.

Related Article

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- [Transfusion.](#) 1999 Jan;39(1):107.
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Current status of solvent/detergent-treated frozen plasma.

[Klein HG](#), [Dodd RY](#), [Dzik WH](#), [Luban NL](#), [Ness PM](#), [Pisciotta P](#), [Schiff PD](#), [Snyder EL](#).

American Association of Blood Banks Ad Hoc Committee on Solvent/Detergent-Treated Plasma.

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S1	9	("3632473" "4216117" "4749522" "5547873" "5652339" "5783400" "5969040" "6248545" "6362236").PN.	USPAT; USOCR	OR	ON	2007/08/24 15:39
S2	8	("4658022" "4695537" "4877746" "5155023" "5262303" "5334503" "5536640" "5627080").PN.	USPAT; USOCR	OR	ON	2007/08/25 17:43
S3	1243	(117/70.ccls. 159/dig.11.ccls. 34/284.ccls. 264/5.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/25 17:45
S4	0	(117/70.ccls. 159/dig.11.ccls. 34/284.ccls. 264/5.ccls.) and (436/13.ccls. 604/5.03.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/25 17:46
S5	9	(117/70.ccls. 159/dig.11.ccls. 34/284.ccls. 264/5.ccls.) and lipoprotein	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/25 17:54
S6	62	(117/70.ccls. 159/dig.11.ccls. 34/284.ccls. 264/5.ccls.) and denatur\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/25 18:04
S7	61	S6 not S5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/25 17:54
S8	2	("2066302").URPN.	USPAT	OR	ON	2007/08/25 18:00
S9	215	(117/70.ccls. 159/dig.11.ccls. 34/284.ccls. 264/5.ccls.) and (oxidat\$ oxidiz\$ oxidis\$ oxidant)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/25 18:09
S10	82	(117/70.ccls. 159/dig.11.ccls. 34/284.ccls. 264/5.ccls.) and (oxidat\$ oxidiz\$ oxidis\$ oxidant) and (blood serum plasma sera)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/25 18:17
S11	0	(117/70.ccls. 159/dig.11.ccls. 34/284.ccls. 264/5.ccls.) and 604/5.03,6.14,25.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/25 18:20
S12	2	604/5.03.ccls. and 604/6.14,25.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/25 18:18
S13	91	159/dig.11.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/25 18:21
S14	21	159/dig.11.ccls. and (blood serum plasma sera)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/25 18:37

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S15	2	("6264623").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/25 18:57
S16	144	436/13.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/25 18:57
S17	22	436/13.ccls. and (oxidized oxidised)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/26 17:47
S18	5	("5296377").URPN.	USPAT	OR	ON	2007/08/25 19:15
S19	10	((("4127502") or ("4298441") or ("4045176") or ("4216117"))).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/25 19:16
S20	4	((("4127502") or ("4298441") or ("4045176") or ("4216117"))).PN.	USPAT	OR	OFF	2007/08/25 19:16
S35	3	252/408.1.ccls. and 252/365,366.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/26 14:43
S36	1	252/408.1.ccls. and 252/182.29,183.12.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/26 14:44
S37	0	436/13.ccls. and 530/402,403.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/26 14:45
S38	1	436/16.ccls. and 530/402,403.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/26 14:47
S39	1	436/18.ccls. and 530/402,403.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/26 14:48
S40	4	436/15.ccls. and 530/402,403.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/26 14:48
S41	98	435/188.ccls. and 530/402,403.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/26 14:50
S42	28	435/188.ccls. and 530/402,403.ccls. and lipoprotein	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/26 14:52

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S43	2	424/94.3.ccls. and 530/402,403.ccls. and lipoprotein	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/26 14:52
S44	262	amadori and lipoprotein	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/26 14:54
S45	262	amadori and lipoprotein	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/26 14:57
S46	142	amadori and lipoprotein and (freeze froze frozen cryo\$ lyophil\$ lyoprotect\$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/26 15:07
S48	693	lipoprotein same (freeze froze frozen thaw\$ cryo\$ lyophil\$ lyoprotect\$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/26 15:09
S49	251	(lipoprotein same (freeze froze frozen thaw\$ cryo\$ lyophil\$ lyoprotect\$)) and (oxidat\$ oxidiz\$ oxidis\$ oxidant)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/26 15:11
S50	128	(lipoprotein same (freeze froze frozen thaw\$ cryo\$ lyophil\$ lyoprotect\$)) and ((lipoprotein ldl) same (oxidat\$ oxidiz\$ oxidis\$ oxidant))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/26 15:12
S52	280	210/789.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/26 16:17
S53	246	210/789.ccls. and blood	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/26 16:17
S54	10	210/789.ccls. and lipoprotein	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/26 16:19
S55	44	210/789.ccls. and (freeze froze frozen thaw\$ cryo\$ lyophil\$ lyoprotect\$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/26 16:20
S56	35	210/789.ccls. and (freeze froze frozen thaw\$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/26 16:30

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S57	6	62/532.ccls. and blood	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/26 16:44
S58	7	((("2862824") or ("3009388"))).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/26 16:40
S60	0	62/532.ccls. and lipoprotein	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/26 16:44
S61	1	62/532.ccls. and serum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/26 16:45
S62	7	62/532.ccls. and plasma	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/26 17:25
S64	38	436/13.ccls. and (oxidized oxidised oxidat\$ oxidant)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/26 17:47
S71	66	(oxidative near3 denatur\$) with (protein enzyme peptide antibod\$ antigen\$ glycoprot\$ lipoprot\$ immunogen)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/26 18:57
S80	113	"frozen blood".ab,ti,clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/18 22:34
S81	248	(blood adj bag) same (plasticizer phthalate adipate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/18 22:40
S82	135	(blood adj bag) with (plasticizer phthalate adipate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/18 22:41
S83	62	(blood adj bag).ab,ti,clm. with (plasticizer phthalate adipate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/18 22:43
S86	17	((("4451259") or ("4286597") or ("4300559") or ("4301800") or ("4507387") or ("4222379"))).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/18 22:48

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S93	6	cryoprecipitat\$ with lipoprotein	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/18 23:22
S94	0	cryoprecipitat\$ with ldl	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/18 23:22
S96	70	cryoprecipitat\$.ab,ti,clm. and lipid	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/18 23:41
S99	1	cryoprecipitat\$.ab,ti,clm. and ldl	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/18 23:41
S10 0	3	cryoprecipitat\$ and ldl.ab,ti,clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/18 23:42
S10 1	43	cryoprecipitat\$ and lipoprotein.ab,ti,clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/18 23:42